

FIG. 1

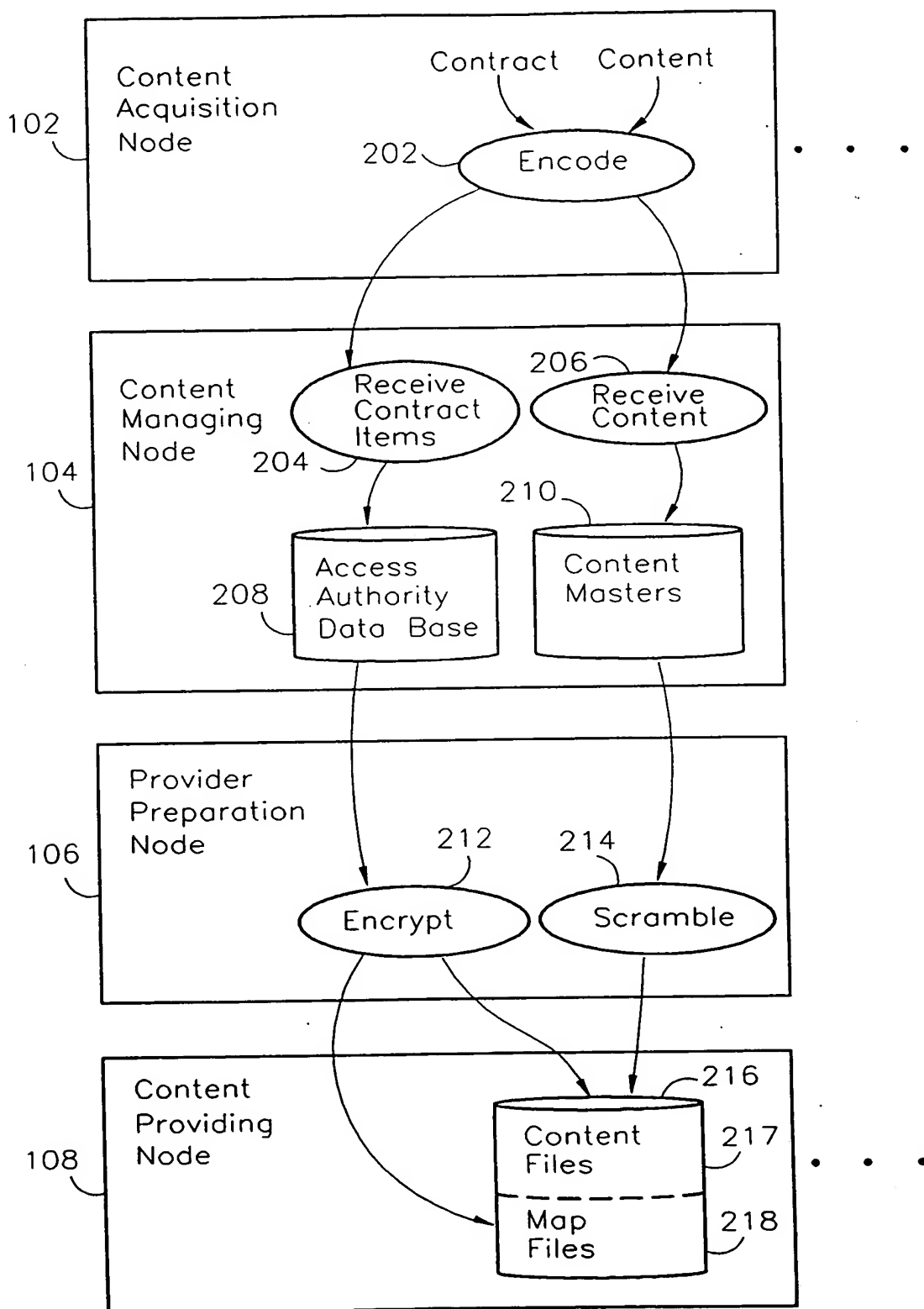


FIG. 2

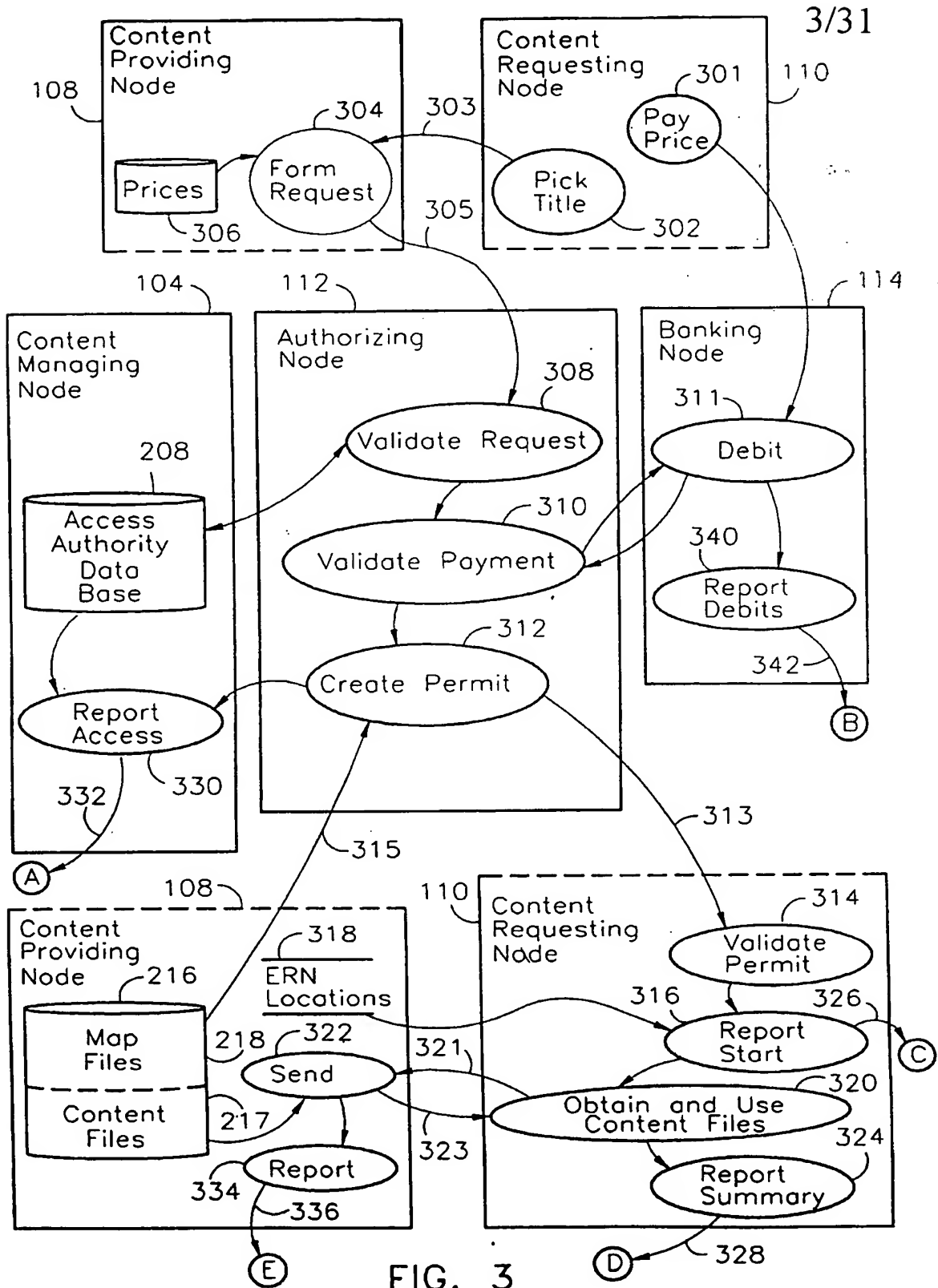


FIG. 3

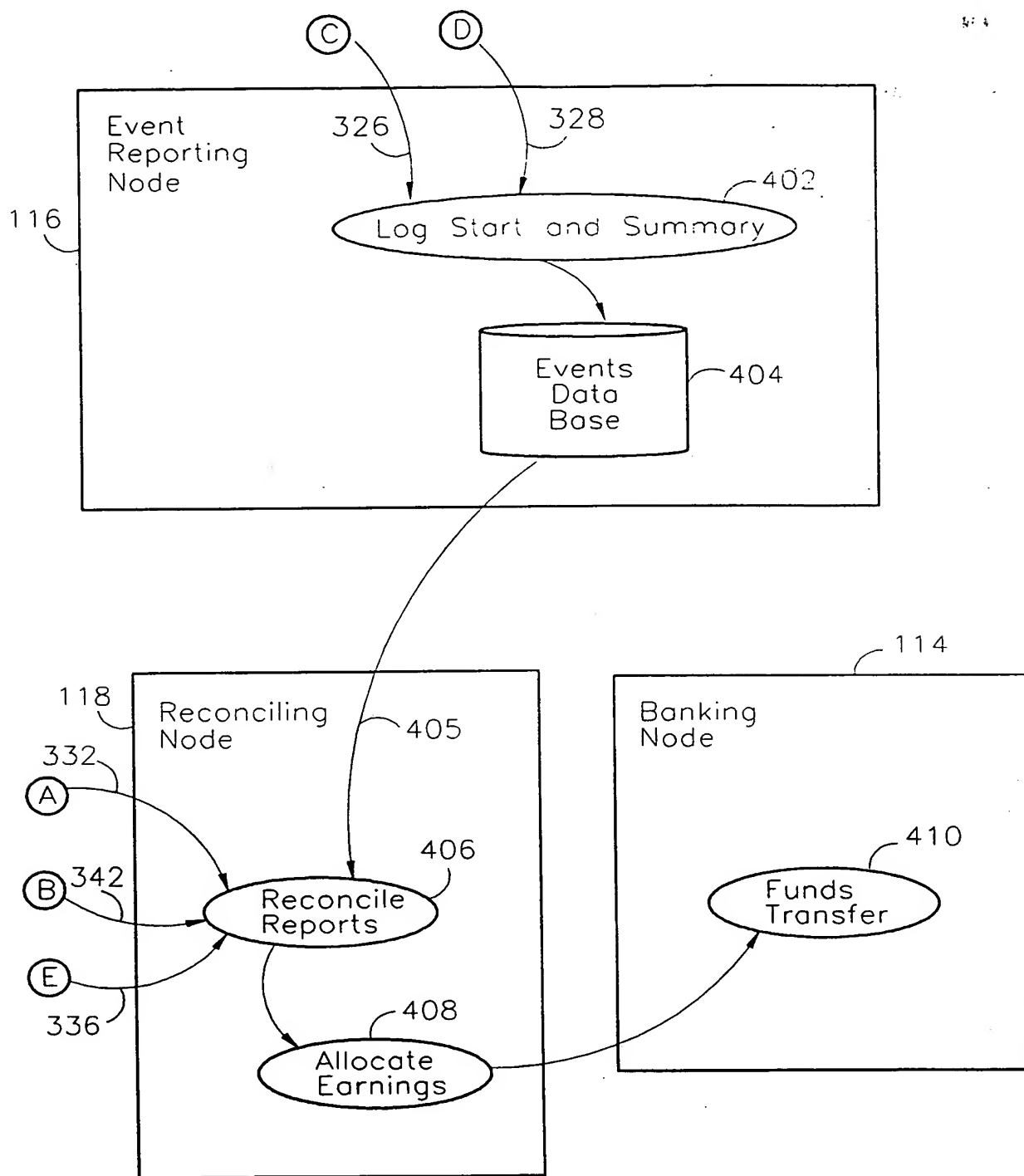


FIG. 4

Report						Reconciliation Result
A	B	C	D	E		
504 Y	Y	Y	Y	Y		Normal request/payment
506 Y	Y	N	N	X		Failed CRN
508 N	N	Y	X	X		Failed CRN
510 N	N	X	Y	X		Failed CRN

Y = Yes

N = No

X = Don't Care

FIG. 5

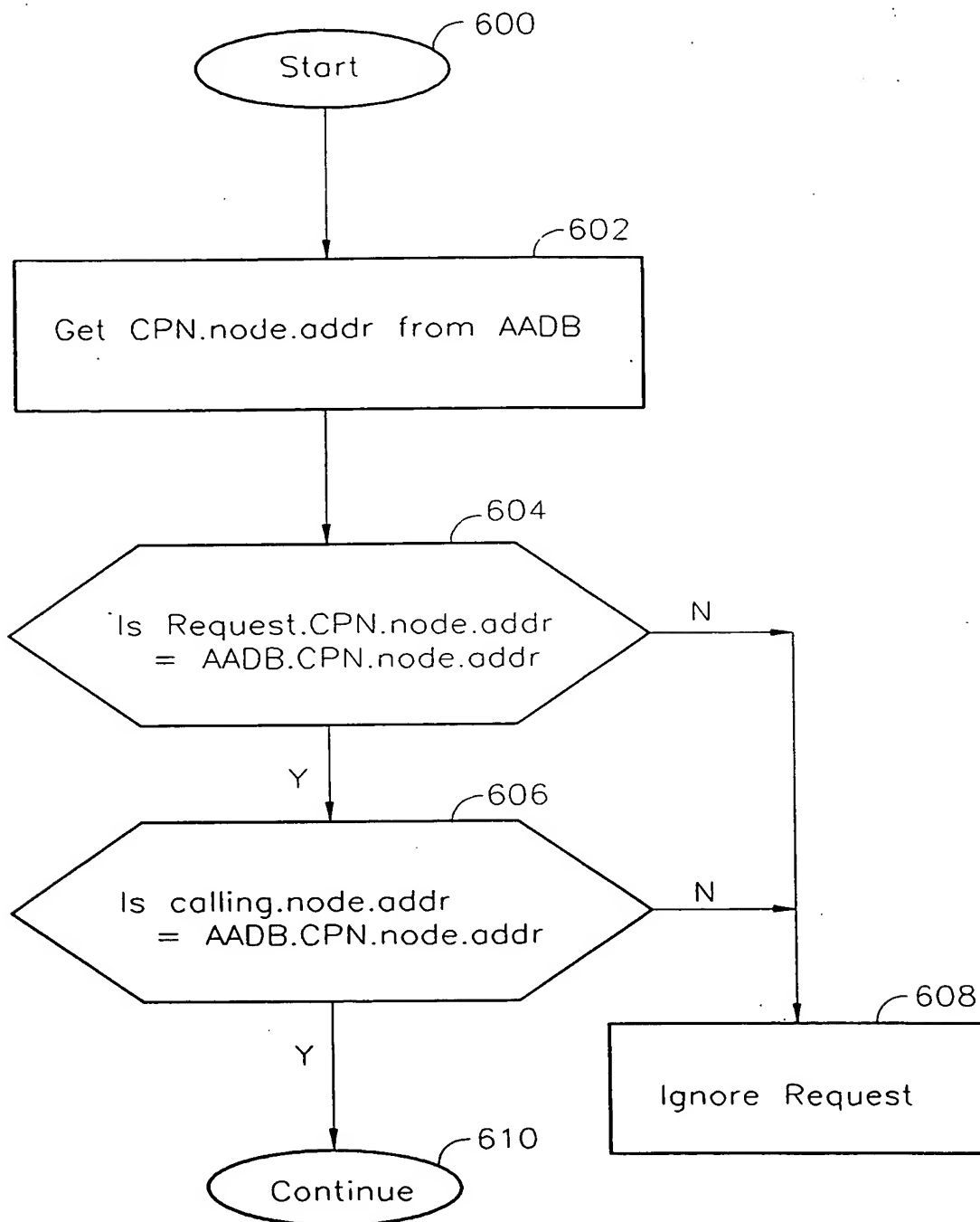


FIG. 6

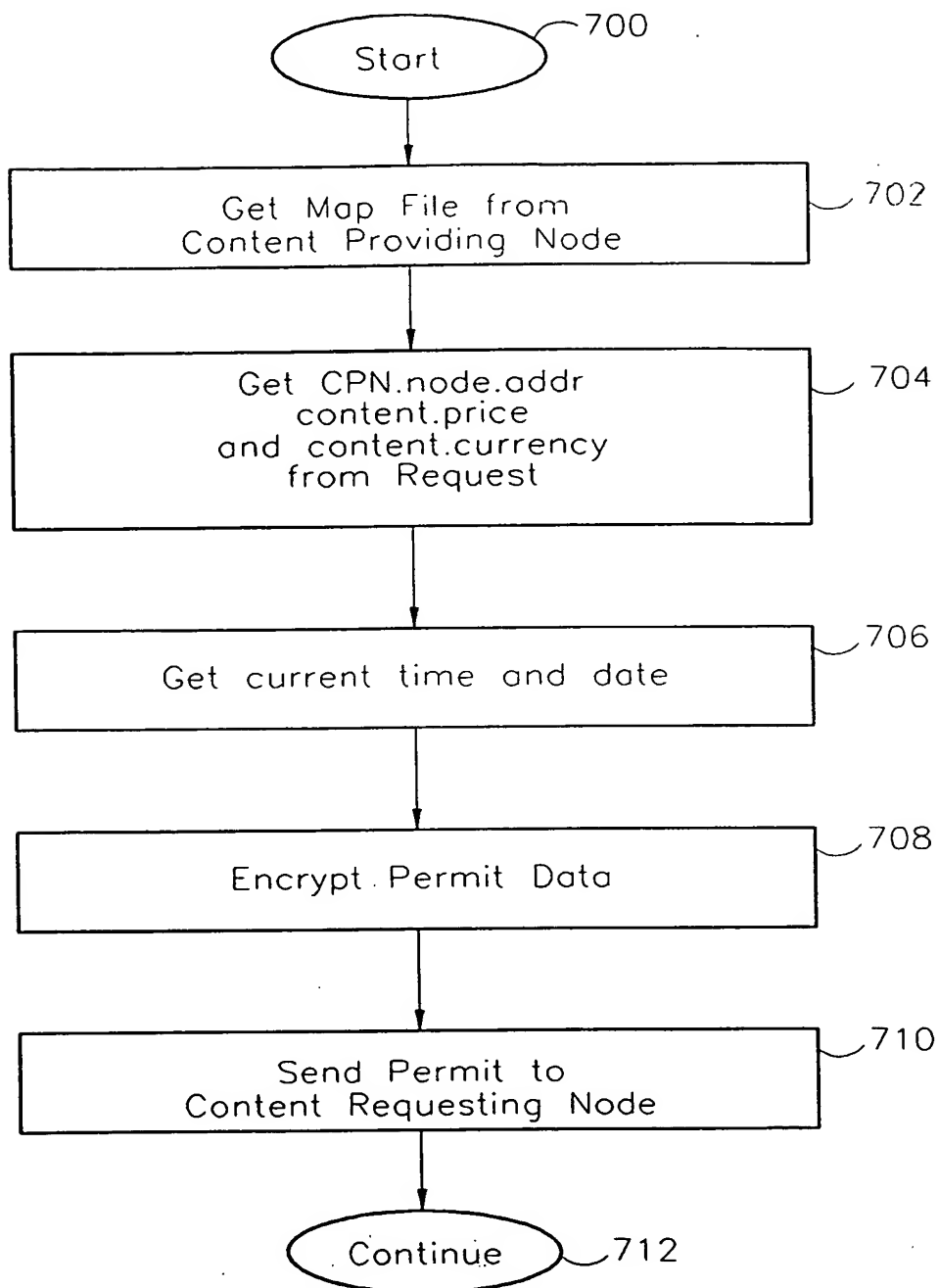


FIG. 7

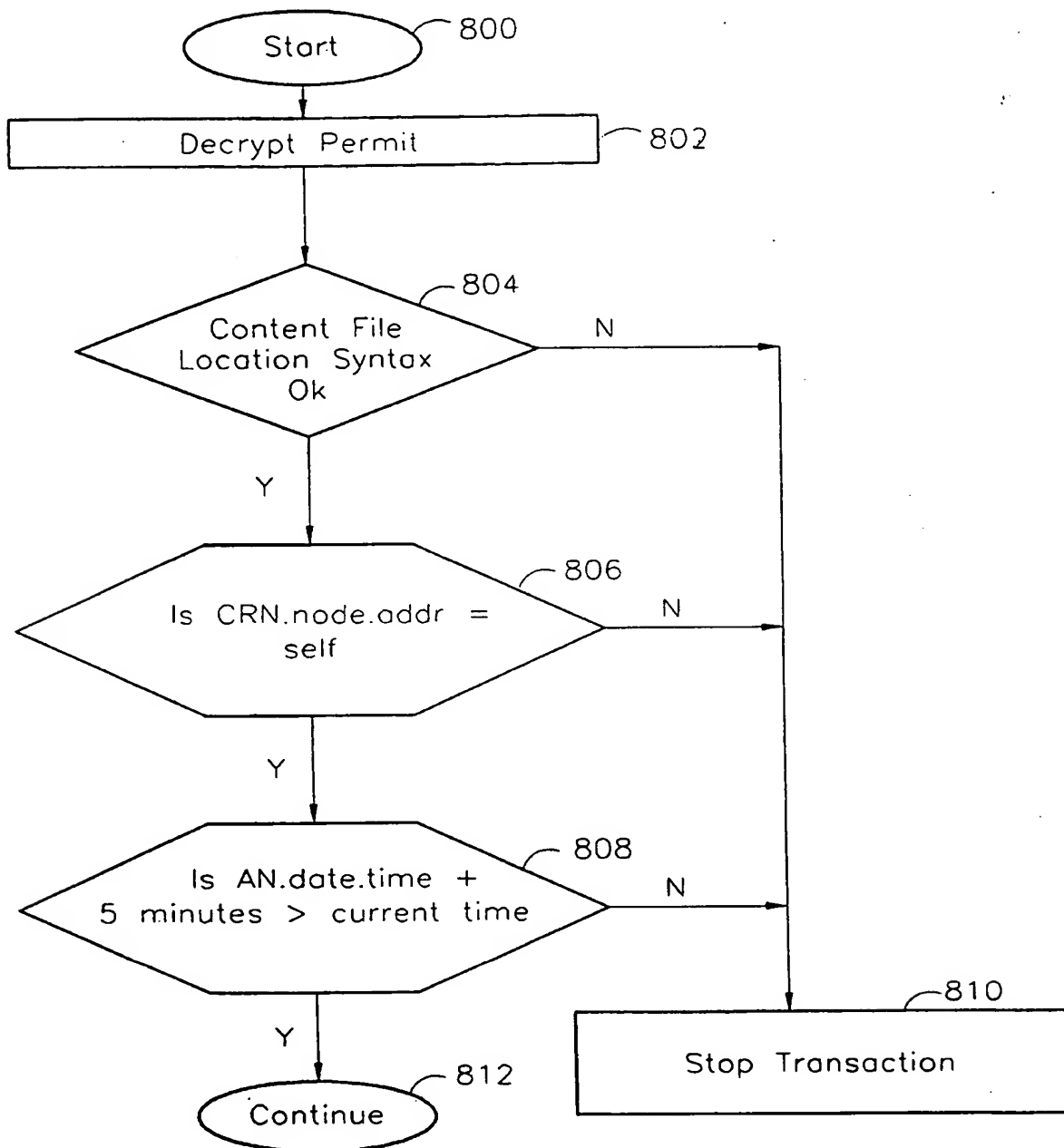


FIG. 8

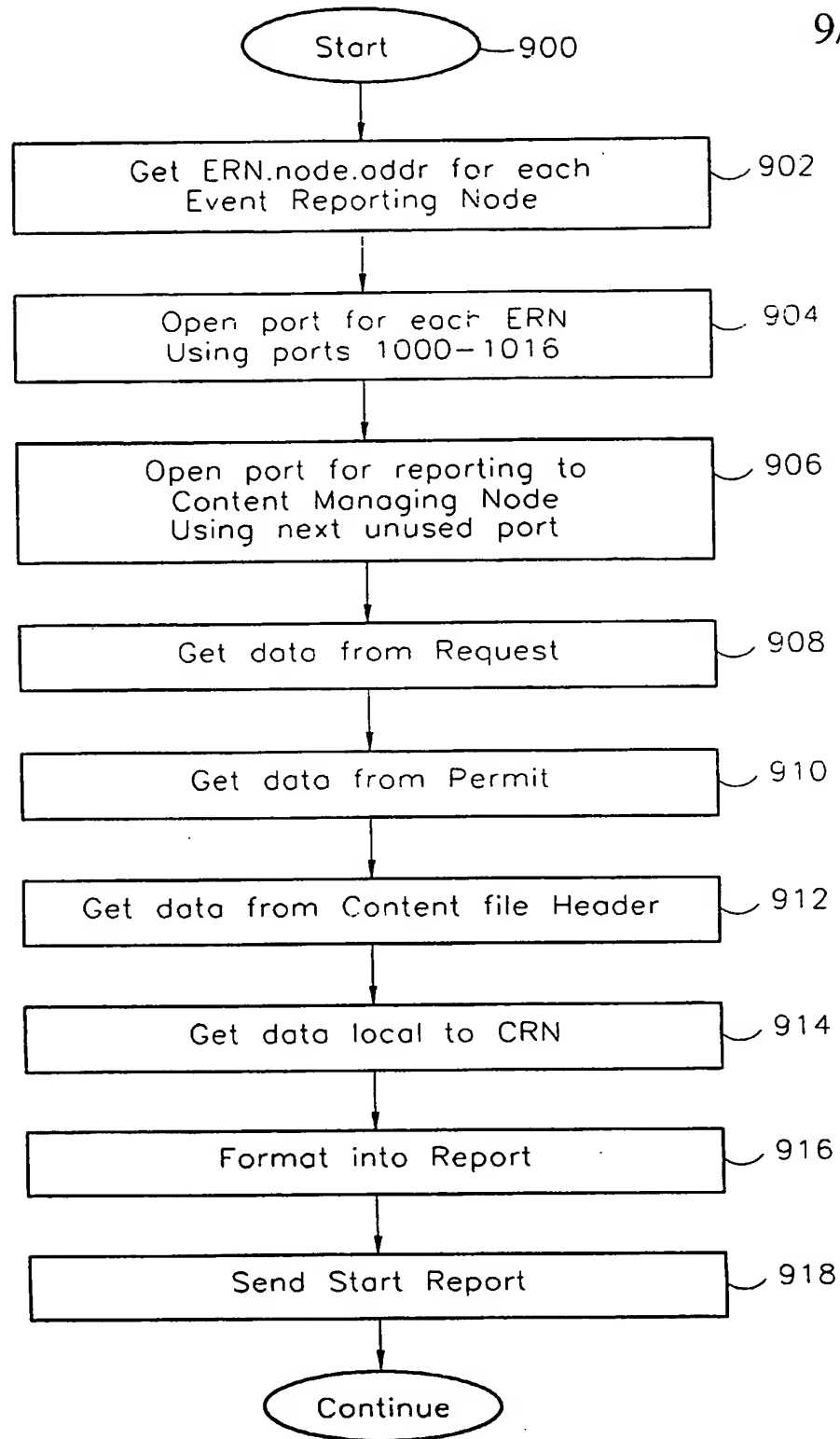


FIG. 9

10/31

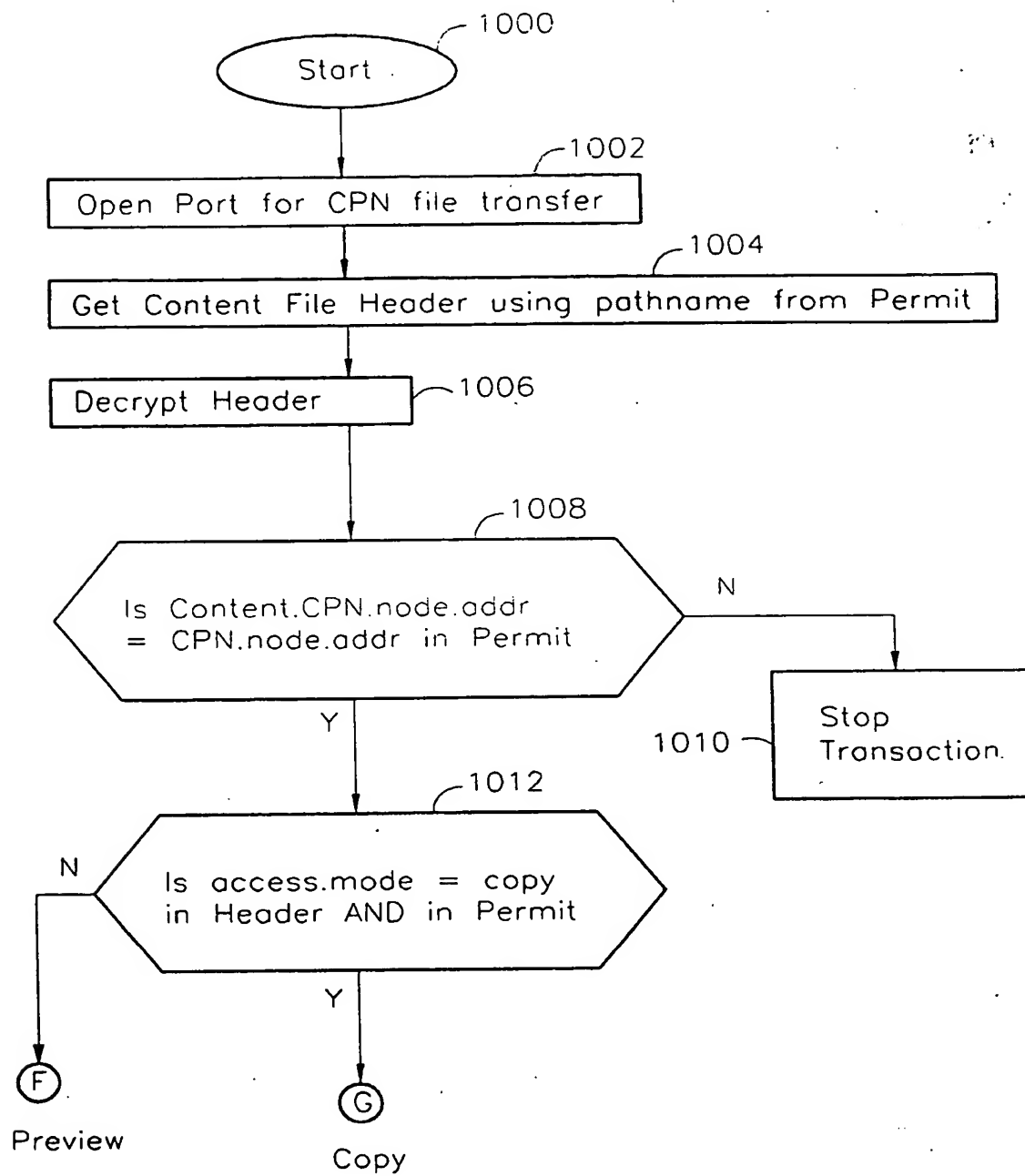


FIG. 10

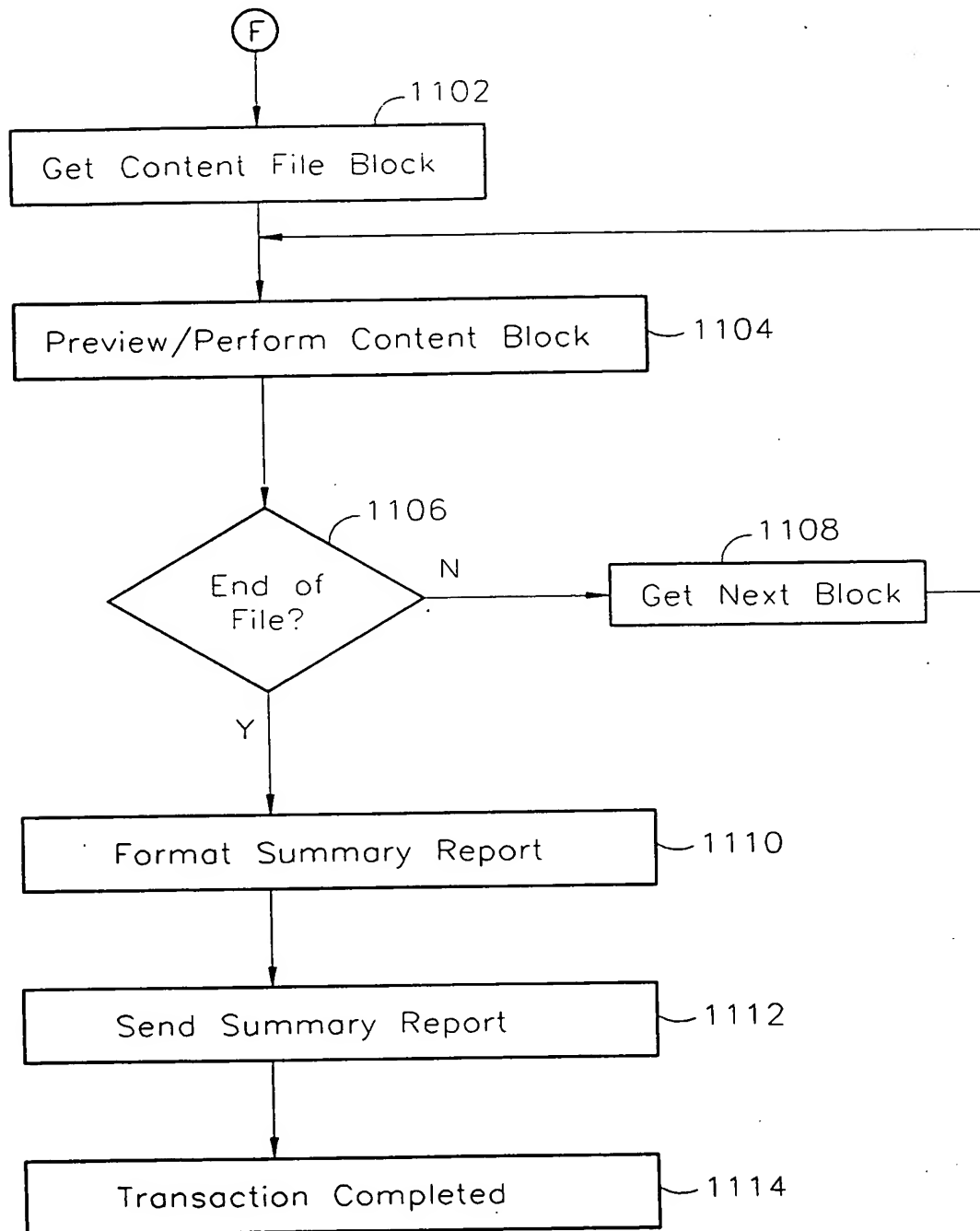


FIG. 11

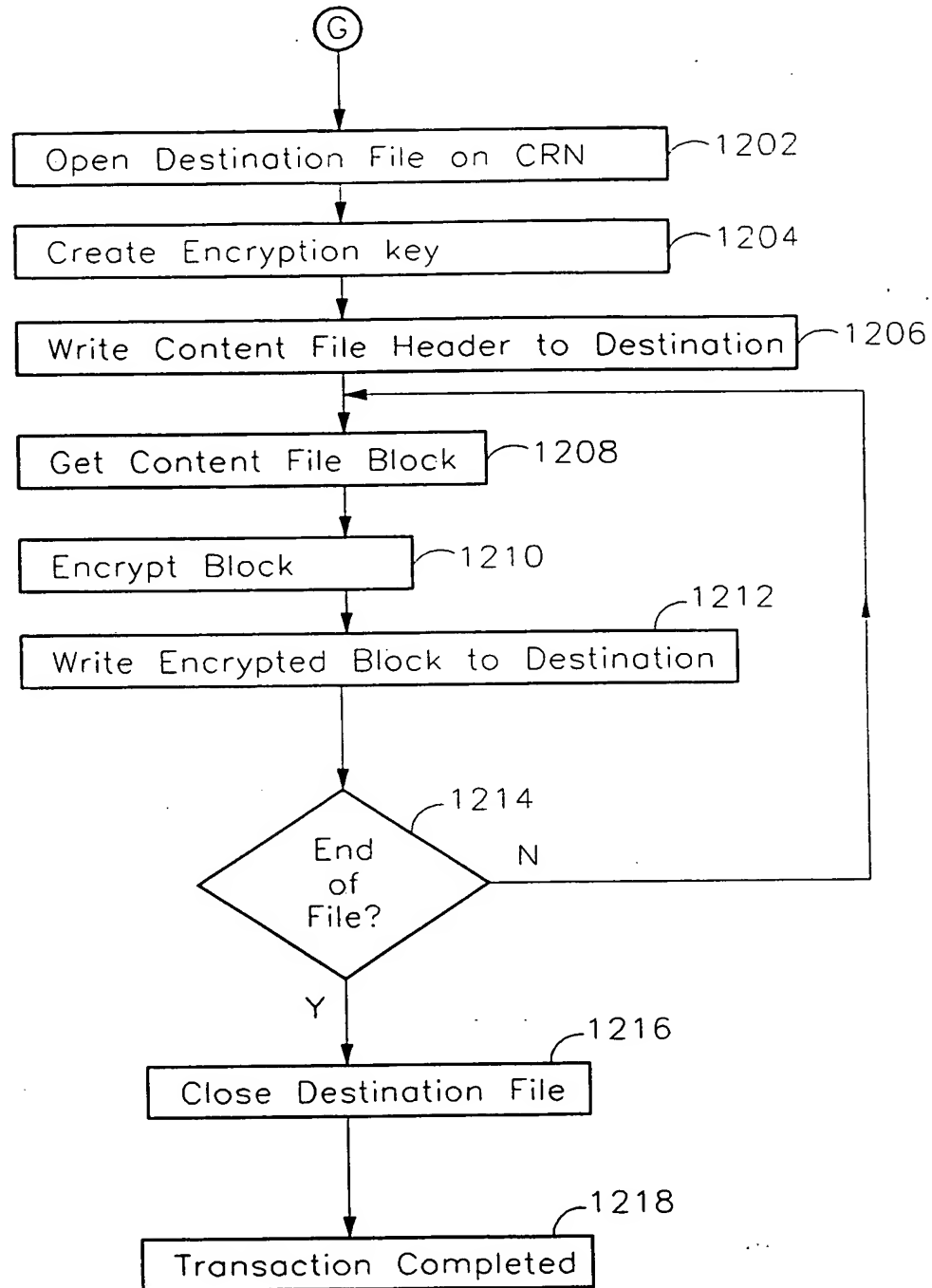


FIG. 12

1300

MAP FILE
map.content.version
map.CPN.node.address.pathname.quality.level 1
map.CPN.node.address.pathname.quality.level 2
map.CPN.node.address.pathname.quality.level 3
...
map.CPN.node.address.pathname.quality.level N

FIG. 13

1400

CONTENT FILE HEADER
content.version
content.title
content.artist
content.copyright
content.date.recording
content.size
content.listen.begin
content.listen.duration
content.ID.code.type
content.ID.code.number
content.watermark.tech
content.legal.duration
content.file.number
content.usage.counter
content.CPN.node.address
content.generation.number
content.date.start.validity
content.date.stop.validity
content.encrypt.tech
content.encrypt.key
content.listen.price
content.listen.currency
content.copy.price
content.copy.currency
content.home.copy.price
content.home.copy.currency

FIG. 14

1500

REQUEST
request.map.pathname
request.access.mode
request.sound.quality
request.content.price
request.content.currency
request.CRN.node.address
request.CRN.username
request.CRN.password
request.CPN.node.address
request.CPN.product.name
request.CPN.product.number
request.CRN.node.address.transaction.number

FIG. 15

1600

PERMIT
map.content.version
map.CPN.node.address.pathname.quality.level 1
map.CPN.node.address.pathname.quality.level 2
map.CPN.node.address.pathname.quality.level 3
...
map.node.address.pathname.quality.level N
request.content.price
request.content.currency
permit.CPN.node.address
permit.AN.date.time

FIG. 16

1700

START REPORT
request.CRN.node.address.transaction.number
request.CRN.node.address
request.CRN.username
request.CRN.password
request.access.mode
start.report.date.time
content.title
content.artist
content.copyright
content.legal.duration
content.ID.code.type
content.ID.code.number
content.CPN.node.address
content.file.number
start.report.CRN.encrypt.key
request.content.price
request.content.currency
request.sound.quality
permit.map.CPN.node.address.pathname.quality.level[x]
start.report.CRN.timezone
start.report.CRN.language
start.report.CRN.keyboard

FIG. 17

1800

SUMMARY REPORT
request.CRN.node.address.transaction.number
request.CRN.node.address
request.CRN.username
request.CRN.password
content.ID.code.type
content.ID.code.number

FIG. 18

1900

ACCESS REPORT
content.title
content.artist
content.copyright
content.legal.duration
content.ID.code.type
content.ID.code.number
content.CPN.node.address
content.file.number
access.territory.rightowners
content.price
content.currency
request.CRN.node.address.transaction.number

FIG. 19

2000

DEBIT REPORT
content.ID.code.type
content.ID.code.number
content.CPN.node.address
request.CPN.product.name
request.CPN.product.number
debit.date.time
request.CRN.username
request.CRN.password
request.content.price
request.content.currency
request.CRN.node.address.transaction.number

FIG. 20

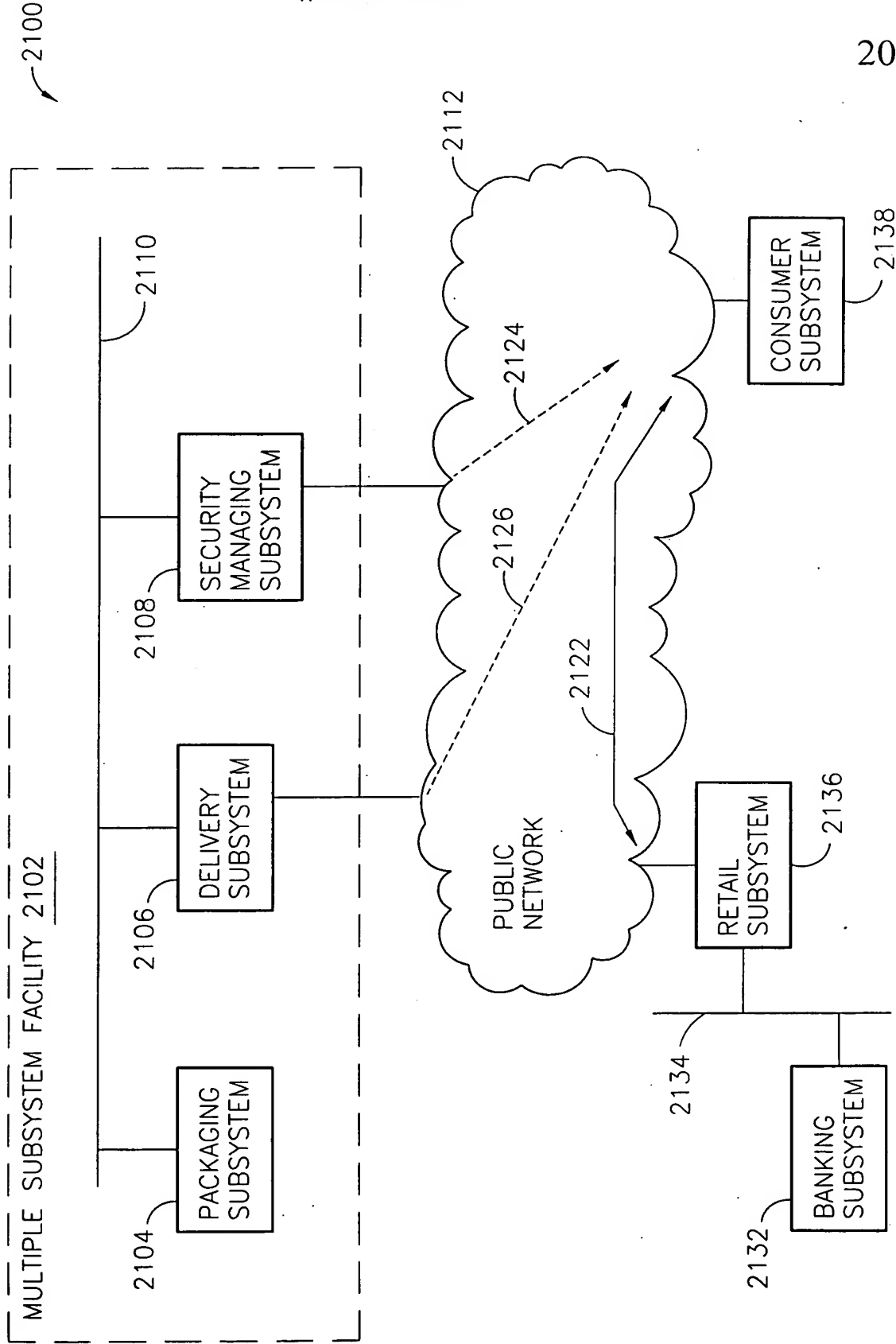


FIG. 21

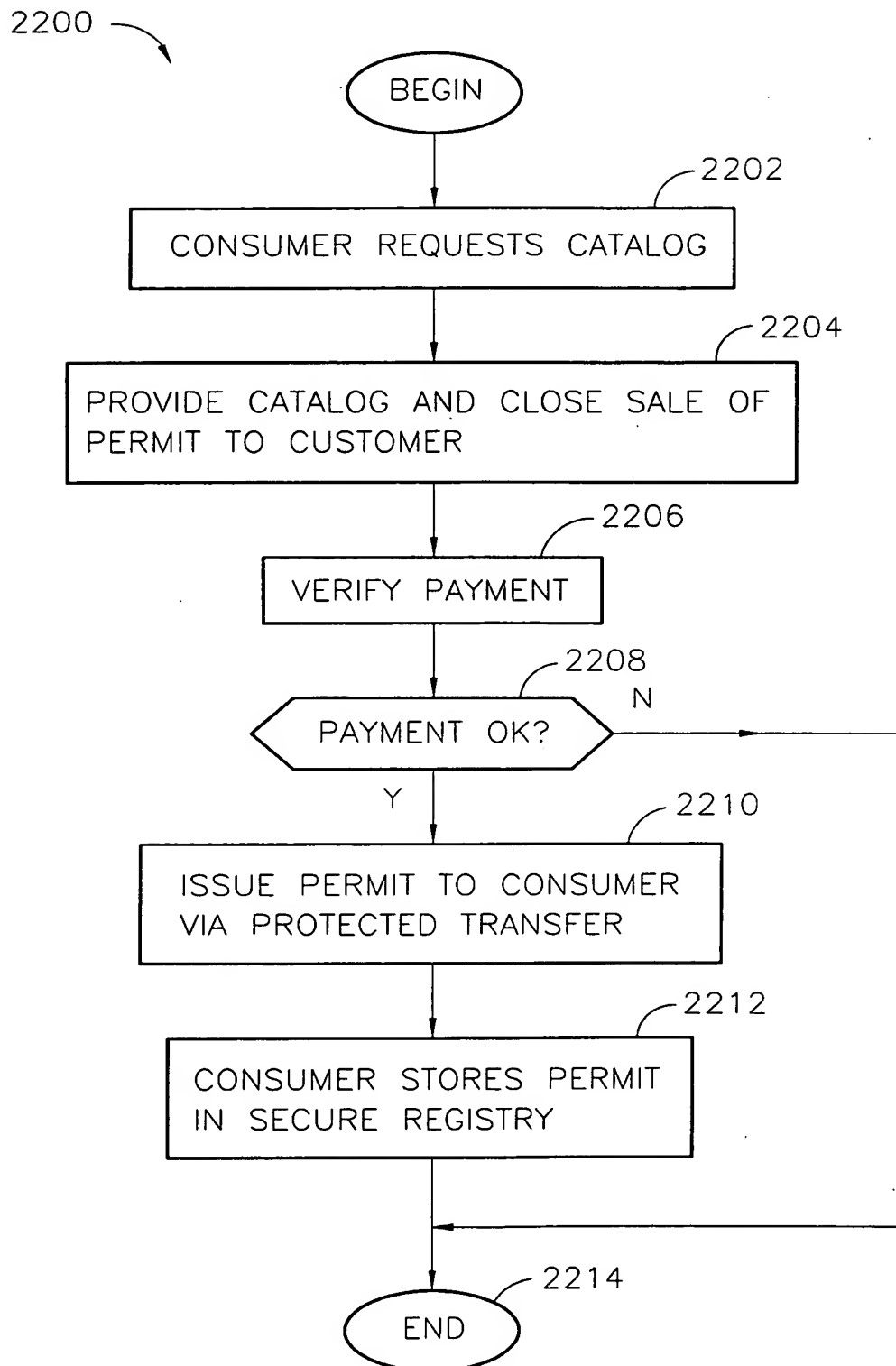


FIG. 22

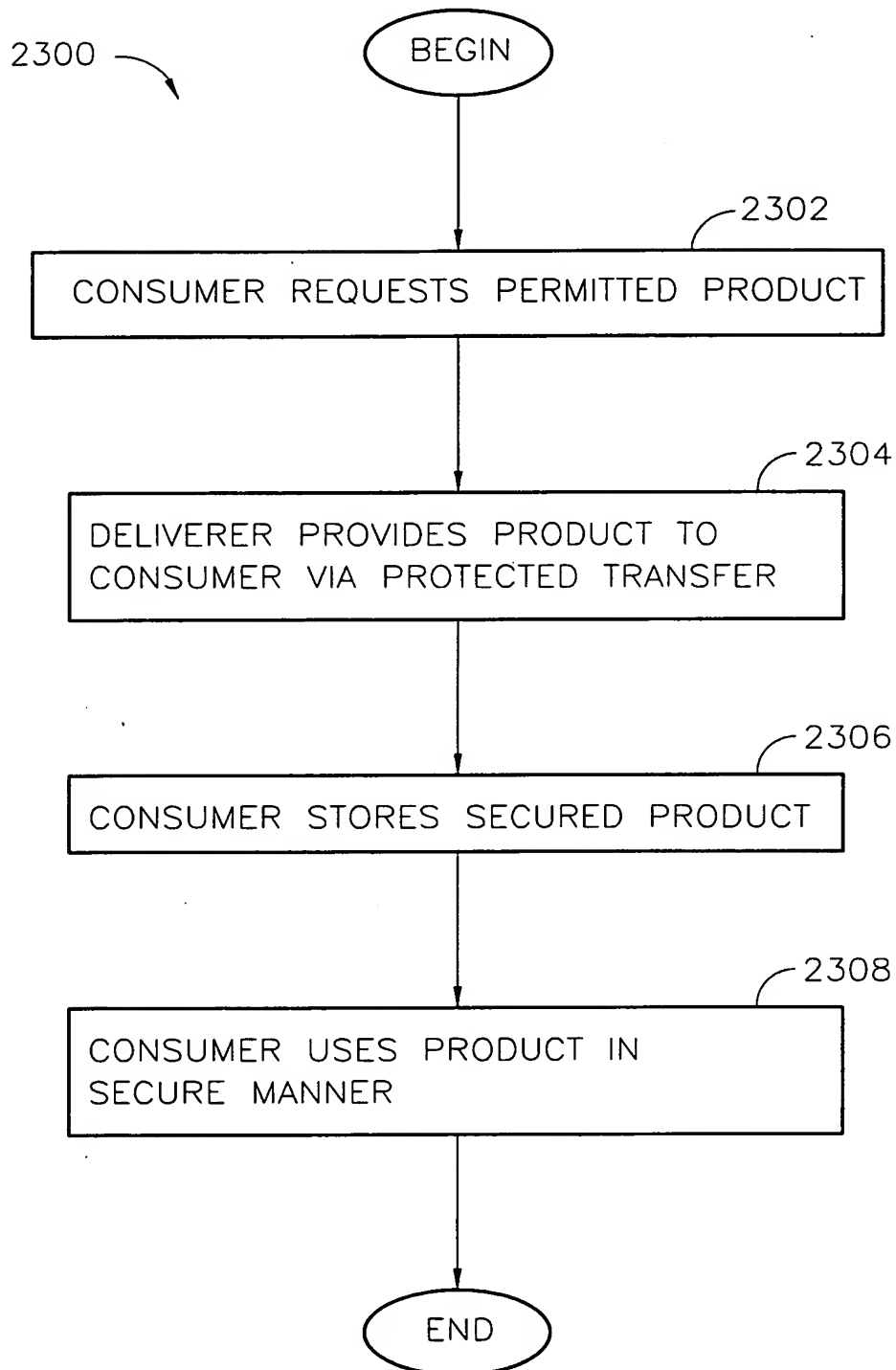


FIG. 23

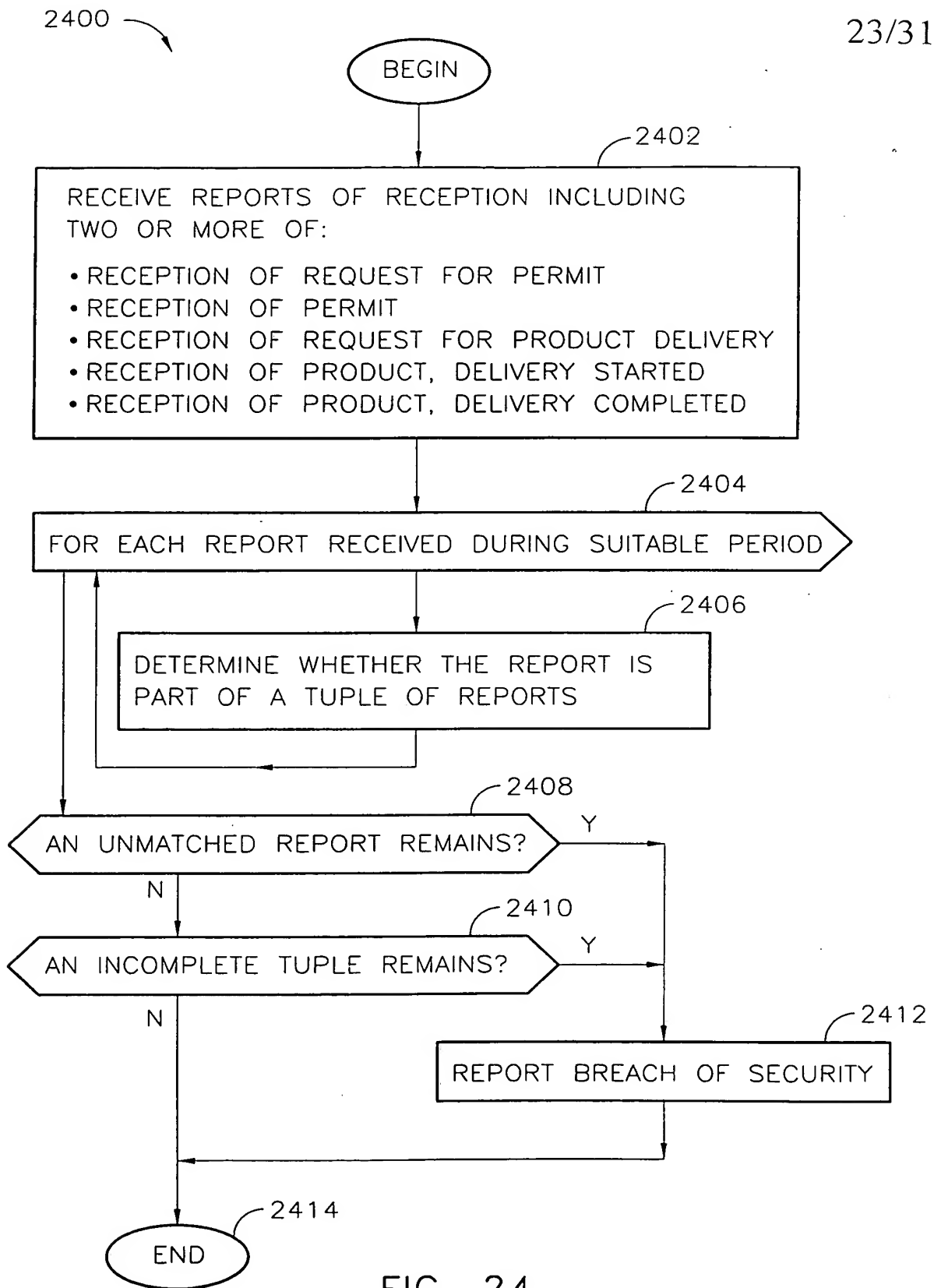


FIG. 24

2500

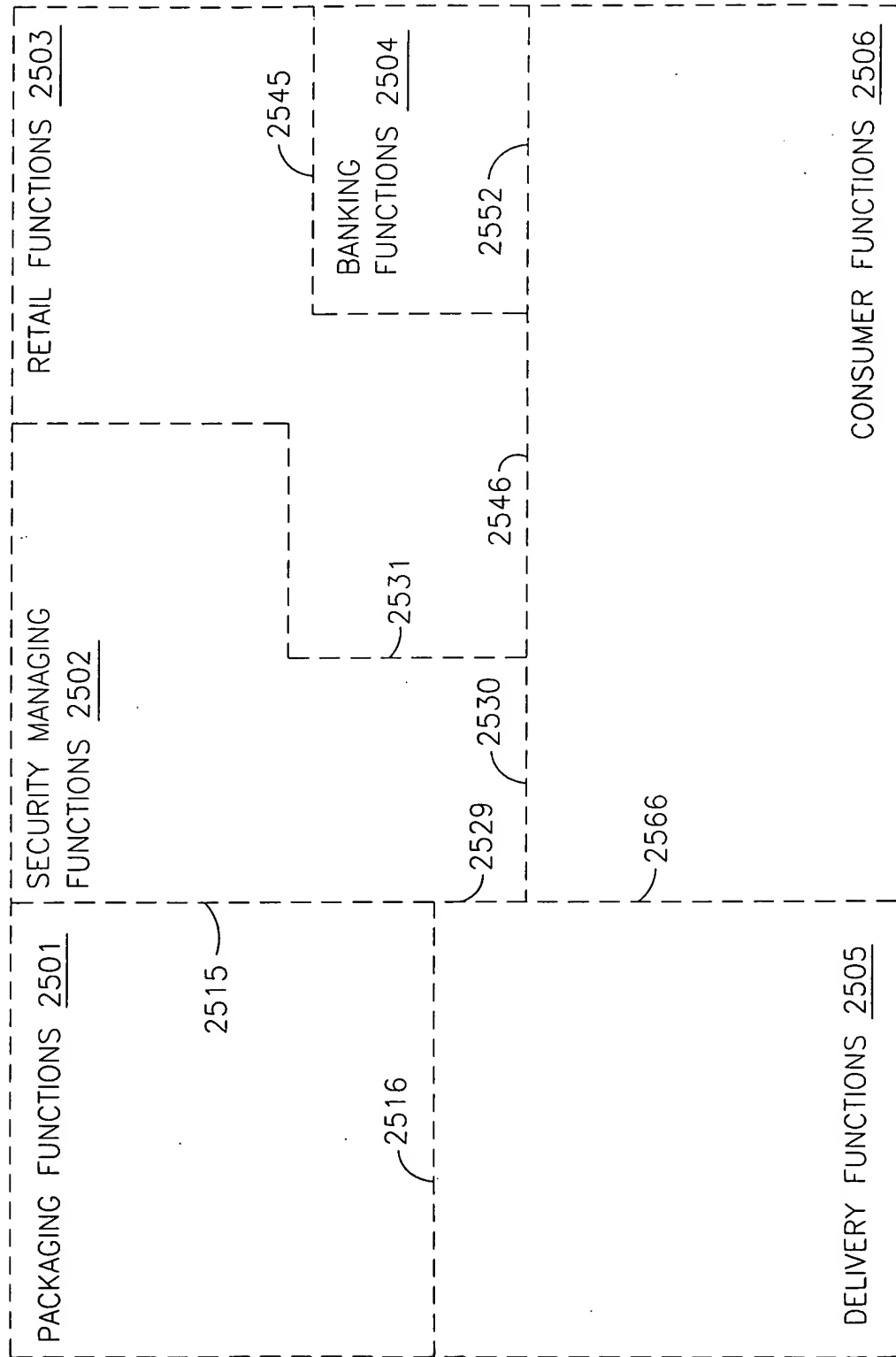
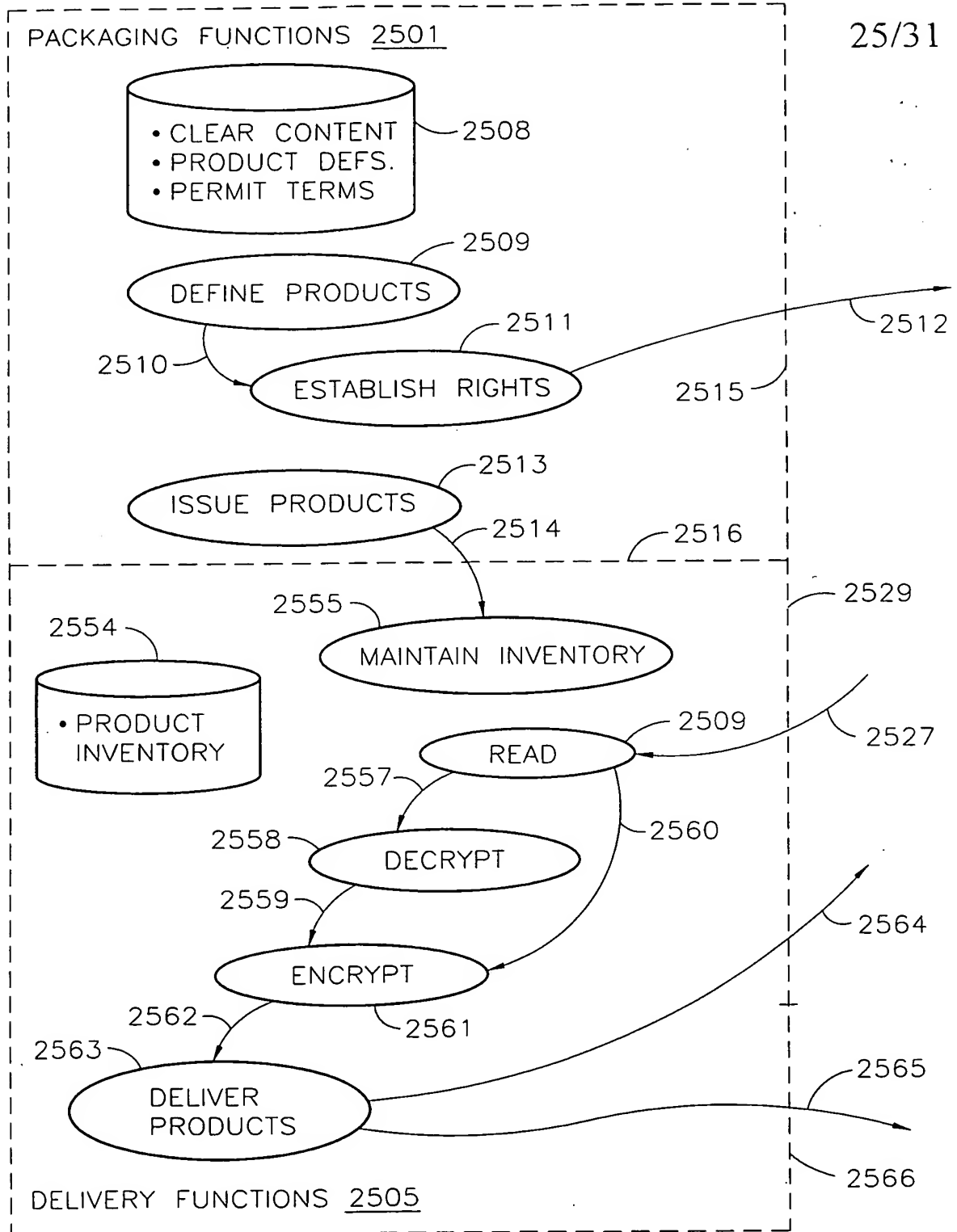
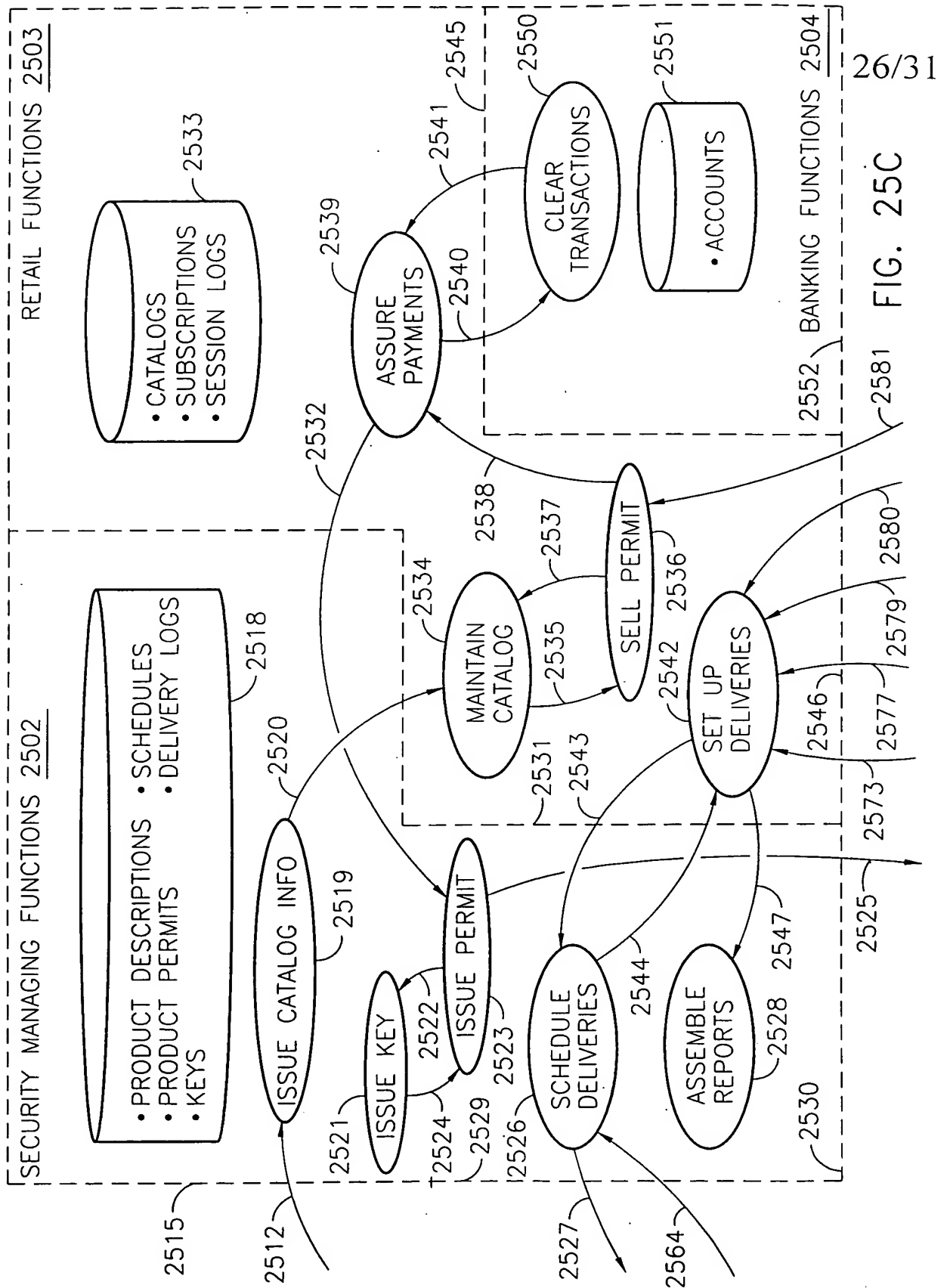


FIG. 25A





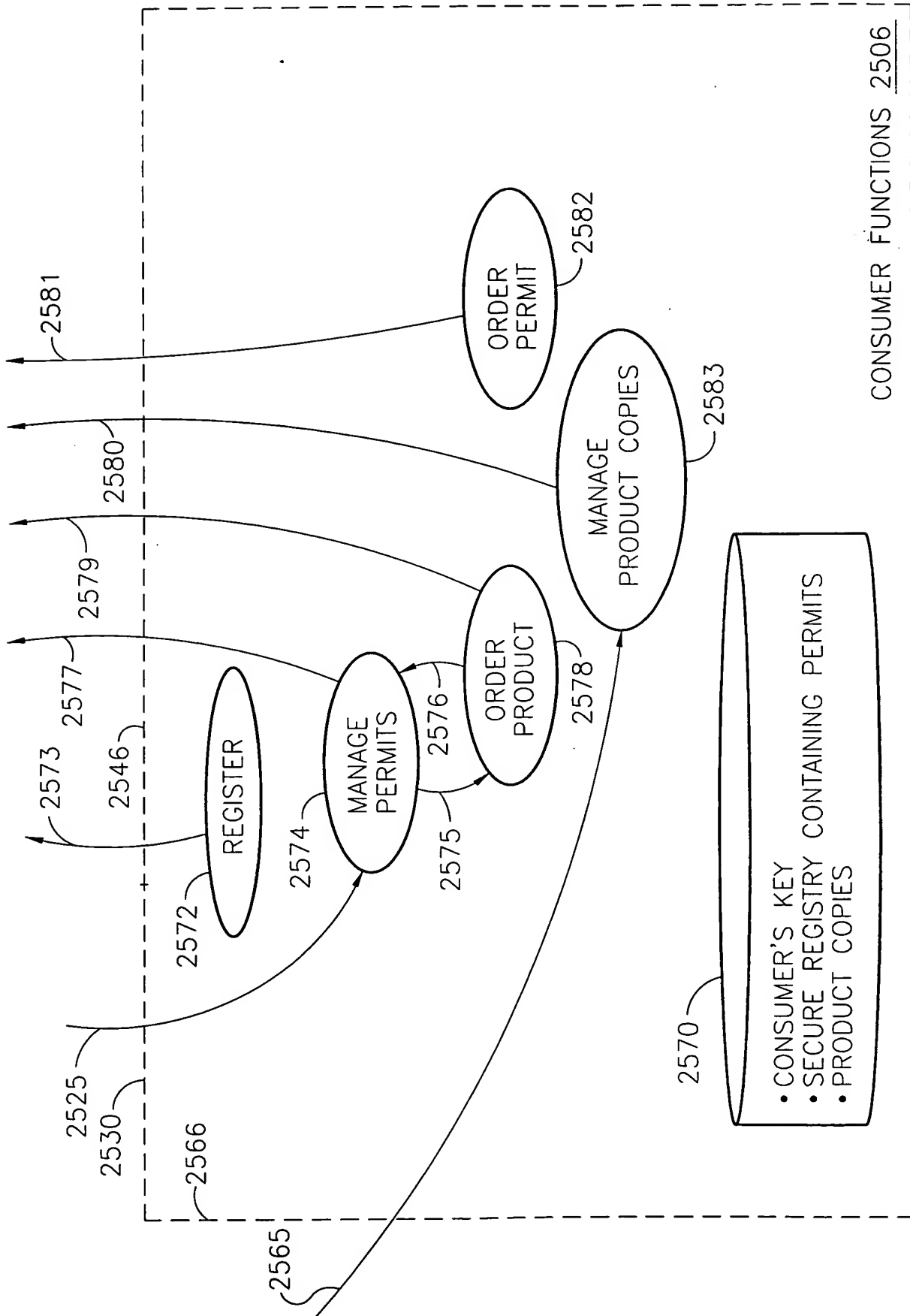


FIG. 25D

REQUEST1 FOR PERMIT (2581)
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
request1.consumer.public.key
request1.product.identifier
request1.product.price
request1.product.currency
request1.product.delivery.mode
request1.product.delivery.date.time

FIG. 26A

REQUEST2 FOR PERMIT (2532)
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
request1.consumer.public.key
request1.product.identifier
request1.product.delivery.mode
request1.product.delivery.date.time

FIG. 26B

PERMIT (2525)
permit.version
permit.id
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
request1.product.identifier
permit.product.usage.rights
permit.product.key
request1.product.delivery.mode
request1.product.delivery.date.time
permit.seal

FIG. 26C

REQUEST3 FOR DELIVERY (2579, 2543)
permit.version
permit.id
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
request3.consumer.date.time
request1.product.identifier
permit.product.usage.rights
permit.product.key
request1.product.delivery.mode
request1.product.delivery.date.time
permit.seal

FIG. 26D

REQUEST4 FOR DELIVERY (2527)
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
request1.product.identifier
request1.product.delivery.mode
request1.product.delivery.date.time
request4.packaging.decryption.key
request4.delivery.encryption.key
permit.product.key

FIG. 26E

HEADER FOR DELIVERY OF PRODUCT (STREAMING OR DOWNLOAD) (2565)
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
request1.product.identifier
permit.product.key

FIG. 26F

REPORT1 FROM CONSUMER (2580)
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
permit.id
request1.product.identifier
report1.status.message

FIG. 26G

REPORT2 FROM DELIVERER (2564)
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
permit.id
request1.product.identifier
report2.status.message

FIG. 26H

REPORT3 FROM SECURITY MANAGER (2544)
request1.consumer.transaction.id
request1.consumer.node.address
request1.consumer.host.id
permit.id
request1.product.identifier
report3.status.message

FIG. 26I